Table CT1. Energy Consumption Estimates for Major Energy Sources in Physical Units, Selected Years, 1960-2011, Vermont

						Petroleum						
	Coal	Natural Gas <sup>a</sup>	Distillate Fuel Oil	Jet Fuel <sup>b</sup>	LPG <sup>c</sup>	Motor Gasoline <sup>d</sup>	Residual Fuel Oil	Other <sup>e</sup>	Total	Nuclear Electric Power	Hydro- electric Power <sup>f</sup>	Fuel Ethanol <sup>9</sup>
Year	Thousand Short Tons	Billion Cubic Feet				Thousand Barrels				Million Kild	owatthours	Thousand Barrels
1960	137	0	2,958	82 79	404	3,332	478	1,178	8,431	0	873	NA
1965	105	0	4,285	79	450	3,789	910	1,059	10,572	0	714	NA
1970	87	3	5,741	121	542	5,077	905	898	13,285	0	786	NA
1971 1972	79 56	3	5,391 5,674	112 255	590 699	5,331 5,677	916 944	944 778	13,285	0 169	742 942	NA NA
1972	59	4	5,674 6,047	200 219	685	5,763	944 870	778	14,026 14,295	1,598	1,059	NA NA
1973	60	5	5,071	204	703	5,626	526	643	12,772	2,483	991	NA NA
1975	31	4	4,642	177	833	5,698	796	502	12,647	3,561	938	NA
1976	24	4	5,470	142	946	6,013	1,250	579	14,400	3,260	1,090	NA
1977	29	4	5.360	137	946	6.125	1,142	542	14.252	3.538	958	NA
1978	19	4	5,280	134	1,199 541	6,309	979	515	14,416	3,241	874	NA
1979	24	4	5,486	172	541	5,830	347	633	13,008	3,449	930	NA
1980	22	4	4,095	155	666	5,437	471	506	11,331	2,979	813	NA
1981	42	4	3,819	155 82 91	626	5,506 5,529	348	430	10,811	3,569	1,003	0
1982 1983	50 46	4	2,699 3,439	106	862 866	5,529 5,579	359 318	407 482	9,946 10,791	4,174 2,870	846 1,006	0
1984	55	5	3,439 4,085	173	646	5,821	434	872	12,031	3,336	949	0
1985	80	5	4,583	201	791	5,813	122	1,065	12,574	2,999	922	0
1986	26	5	4,289	133	867	5,966	471	967	12,693	2,058	1,044	0
1987	12	5	4,817	181	1,101	6,530	338	983	13,950	3,536	995	Õ
1988	11	6	5,144	143	1,157	6,797	238	1,022	14,500	4,114	879	0
1989	9	6	4,969	220	1,504	6,554	191	986	14,424	3,607	1,047	0
1990	8	7	4,566	180	1,401	6,696	237	419	13,499	3,616	1,365	0
1991	12	7	4,762	162	1,634	6,772	264	878	14,472	4,108	1,053	0
1992	20 6	8 7	5,532	116	1,912	6,879	277	643	15,359	3,735	921 981	0
1993 1994	5	7	5,539 5,358	124 138	1,641 1,663	7,096 7,154	474 281	384 522	15,259 15,117	3,372 4,316	1,039	0
1994	3	7	5,361	127	1,673	7,154 7,211	215	535	15,117	3,859	973	0
1996	2	7	5,732	99	1,834	7,331	282	603	15,882	3,799	1,231	0
1997	110	8	5.344	106	1,540	7,606	323	1.153	16,073	4,267	1,067	Ŏ
1998	2	8	5,215	121	1,777	7,510	274	1,153 752	15,650	3,358	1,194	0
1999	82	8	5,441	143	1,617	7,699	220	612	15,732	4,059	1,196	0
2000	1	10	5,276	144	1,769	8,394	309	721	16,613	4,548	1,221	0
2001	2	8	5,371	120	2,425	8,021	241	806	16,984	4,171	884	0
2002	1	8	4,866	65	2,352	8,164	253	466	16,166	3,963	1,115	0
2003	1	8	R 5,408	68	1,867	8,304	292	530	R 16,468	4,444	1,154	0
2004 2005	1	9 8	5,861 5,194	309 423	1,987 2,234	8,407 8,408	297 300	1,037 693	17,899 17,251	3,858 4,072	1,187 1,211	0 48
2005	1	8	5,085	376	2,288	8,406	260	591	17,231	5,107	1,519	68
2007	1	9	4.917	317	2,152	8,354	238	689	16,668	4,704	647	98
2008	Ó	9	R 4 420	266	2.263	7.987	238 R 227	689 R 227	R 15.390	4,895	1,493	510
2009	Ő	9	R 4,807	512	2,423	7,964 R 7,866	K 195	K 368	K 16.268	5,361	1,486	749
2010	0	8	R 4,807 R 4,609	222	2,423 2,357	R 7,866	R 157	R 351	<sup>R</sup> 15,563	4,782	1,347	851
2011	0	9	4,778	231	2,255	7,607	150	295	15,316	4,907	1,425	831

separately identified.

a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
 b Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."
 c Liquefied petroleum gases.

d Motor gasoline as it is consumed; includes fuel ethanol blended into motor gasoline.

e Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

f Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be

<sup>&</sup>lt;sup>g</sup> Includes denaturant. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes. NA = Not available.

Where shown, R = Revised data and (s) = Value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2011, Vermont (Trillion Btu)

			Г		Fossi	l Fuels					Fossil (as comi	
				(as com	illigica)							
Year	Coal	Natural Gas excluding Supplemental Gaseous Fuels <sup>a</sup>	Distillate Fuel Oil	Jet Fuel <sup>b</sup>	LPG °	Motor Gasoline excluding Fuel Ethanol <sup>a</sup>	Residual Fuel Oil	Other <sup>d</sup>	Total	Total	Natural Gas including Supplemental Gaseous Fuels <sup>a</sup>	Motor Gasoline including Fuel Ethanol
960	3.5	0.0	17.2	0.4	1.6	17.5	3.0	6.9	46.7	50.2	0.0	17.5
965 970	2.7 2.1	0.0 2.7	25.0 33.4	0.4 0.7	1.8 2.1	19.9 26.7	5.7 5.7	6.2 5.4	58.9 73.9	61.6 78.7	0.0 2.7	19.9 26.7
970	1.9	3.1	31.4	0.6	2.1	28.0	5.8	5.6	73.9	78.7 78.7	3.1	28.0
972	1.4	3.8	33.1	1.4	2.7	29.8	5.9	4.5	73.7 77.4	82.6	3.8	29.8
973	1.5	4.2	35.2	1.2	2.6	30.3	5.5	4.1	78.9	84.6	4.2	30.3
974	1.5	4.8	29.5	1.1	2.7	29.6	3.3	3.7	70.0	76.2	4.8	29.6
975	0.7	4.0	27.0	1.0	3.2	29.9	5.0	2.9	69.0	73.7	4.0	29.9
976	0.6	3.7	31.9	0.8	3.6	31.6	7.9	3.3	79.0	83.3	3.7	31.6
977	0.7	4.0	31.2	0.8	3.6	32.2	7.2	3.1	78.0	82.8	4.0	32.2
978	0.5	3.8	30.8	0.7	4.5	33.1	6.2	2.9	78.2	82.5	3.8	33.1
979 980	0.6 0.5	4.4 4.0	32.0 23.9	1.0 0.9	2.0 2.5	30.6 28.6	2.2 3.0	3.7 2.9	71.4 61.7	76.4 66.1	4.4 4.0	30.6 28.6
980 981	1.0	4.0 4.4	23.9 22.2	0.9	2.5 2.4	28.9	3.0 2.2	2.9 2.5	58.7	64.0	4.0	28.9 28.9
982	1.3	4.4	15.7	0.5	3.2	29.0	2.3	2.4	53.1	58.7	4.4	29.0
983	1.2	4.3	20.0	0.6	3.2	29.3	2.0	2.8	58.0	63.4	4.3	29.3
984	1.4	4.8	23.8	1.0	2.5	30.6	2.7	5.2	65.7	71.9	4.8	30.6
985	2.0	5.0	26.7	1.1	3.0	30.5	0.8	6.4	68.5	75.4	5.0	30.5
986	0.7	5.0	25.0	0.7	3.3	31.3	3.0	5.9	69.2	74.8	5.0	31.3
987	0.3	5.1	28.1	1.0	4.2	34.3	2.1	6.0	75.7	81.2	5.1	34.3
988	0.3	5.5	30.0	0.8	4.4	35.7	1.5	6.2	78.5	84.3	5.5	35.7
989	0.2	6.1	28.9	1.2	5.7	34.4	1.2	6.0	77.6	83.9	6.1	34.4
990	0.2	6.7	26.6	1.0	5.4	35.2	1.5	2.4	72.0	78.9	6.7	35.2
991 992	0.3 0.5	7.0 7.6	27.7 32.2	0.9 0.6	6.2 7.3	35.6 36.1	1.7 1.7	5.5 4.0	77.6 82.0	84.9 90.1	7.0 7.6	35.6 36.1
993	0.5	7.0	32.3	0.6	6.2	37.3	3.0	4.0 2.2	81.7	89.0	7.0	30. i 37.3
994	0.1	7.3	31.2	0.8	6.3	37.4	1.8	2.2 3.2	80.7	88.1	7.2	37.4
995	0.1	7.3	31.2	0.7	6.4	37.6	1.4	3.3	80.6	87.9	7.3	37.6
996	(s) 2.7	7.5	33.4	0.6	7.0	38.2	1.8	3.7	84.7	92.2	7.5	38.2
997		8.3	31.1	0.6	5.9	39.7	2.0	7.3	86.6	97.6	8.3	39.7
98	0.1	7.8	30.4	0.7	6.8	39.1	1.7	4.4	83.2	91.0	7.8	39.1
999	2.0	8.1	31.7	0.8	6.2	40.1	1.4	3.7	83.9	94.0	8.1	40.1
000	(s) 0.1	10.5	30.7	0.8	6.7	43.7	1.9	4.2	88.2	98.8	10.6	43.7
001 002	0.1	7.9 8.4	31.3 28.3	0.7 0.4	9.2 9.0	41.8 42.5	1.5 1.6	4.9 2.8	89.3 84.6	97.3 93.0	8.0 8.4	41.8 42.5
002	(s) (s)	8.4 8.4	R 31.5	0.4	9.0 7.1	42.5 43.2	1.8	3.1	R 87.2	R 95.7	8.5	42.5 43.2
103	(S)	8.7	34.1	1.8	7.1	43.2	1.9	6.3	95.5	104.3	8.7	43.2 43.8
004	(3)	8.4	30.3	2.4	8.5	43.7	1.9	4.1	90.8	99.2	8.4	43.9
006	(s) (s) (s)	8.1	29.6	2.1	8.7	43.6	1.6	3.5	89.2	97.2	8.1	43.9
007	(s)	8.9	28.6	1.8	8.2	43.3	1.5	12	87.6	96.5	8.9	43.6
800	0.0	8.7	R 25.7	1.5	8.6	39.9	R 1 1	R13	R 78 6	R 87 2	8.7	41.7
009	0.0	8.7	R 28.0	2.9	9.3	39.0	K12	K 2.2	K 82.6	K 91.2	8.7	41.6
010	0.0	8.5	R 26.8	1.3	9.0	R 38.1	R 1.0	R 2.1	R 78.3	R 86.8	8.5	R 41.0
011	0.0	8.7	27.8	1.3	8.6	36.8	0.9	1.8	77.3	86.0	8.7	39.7

<sup>&</sup>lt;sup>a</sup> Supplemental gaseous fuels (SGF) and fuel ethanol are consumed with natural gas and motor gasoline, respectively. In this table, natural gas excluding SGF and motor gasoline excluding fuel ethanol are presented so that a fossil fuel total can be calculated. Natural gas including SGF and motor gasoline including fuel ethanol are presented separately for reference.

b Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

<sup>C</sup> Liquefied petroleum gases.

d Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Note: Totals may not equal sum of components due to independent rounding.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2011, Vermont (Continued) (Trillion Btu)

					R	enewable Energ	у						
				Bior	nass						Net		
Year	Nuclear Electric Power	Hydro- electric Power <sup>e</sup>	Wood and Waste <sup>f</sup>	Fuel Ethanol 9	Losses and Co- products <sup>h</sup>	Total	Geo- thermal	Solar/PV <sup>i</sup>	Wind	Total	Interstate Flow of Electricity	Net Electricity Imports <sup>k</sup>	Total
1960	0.0	9.4	7.9	NA	NA	7.9	0.0	NA	NA	17.3	0.9	0.2	68.6
1965	0.0	7.5	6.9	NA	NA	6.9	0.0	NA	NA	14.4	6.9	0.1	83.1
1970	0.0	8.2	6.5	NA	NA	6.5	0.0	NA	NA	14.7	19.6	0.2	113.2
1971	0.0	7.8	6.8	NA	NA	6.8	0.0	NA	NA	14.6	23.5	0.2	117.0
1972	1.8	9.8	6.2	NA	NA	6.2	0.0	NA	NA	16.0	23.3	0.3	123.9
1973	17.4	11.0	6.1	NA	NA	6.1	0.0	NA	NA	17.1	7.1	0.2	126.4
1974	27.7	10.4	5.8	NA	NA	5.8	0.0	NA	NA	16.1	-3.5	0.3	116.8
1975	39.2	9.8	6.6	NA	NA	6.6	0.0	NA	NA	16.4	-15.2	0.3	114.4
1976 1977	36.0 38.1	11.3 10.0	8.0 9.4	NA NA	NA NA	8.0 9.4	0.0 0.0	NA NA	NA NA	19.3 19.4	-7.0 -11.2	0.2 0.3	131.8 129.4
1977	35.5	9.1	9.4 11.4	NA NA	NA NA	9.4 11.4	0.0	NA NA	NA NA	20.5	-11.2 -4.4	0.3	134.5
1979	37.5	9.6	12.7	NA NA	NA NA	12.7	0.0	NA NA	NA NA	22.3	-4.4 -5.0	0.4	131.8
1980	32.5	8.4	14.4	NA	NA	14.4	0.0	NA	NA	22.9	3.7	0.6	125.8
1981	39.4	10.5	14.3	0.0	0.0	14.3	0.0	NA NA	NA NA	24.8	-8.2	0.6	120.7
1982	46.2	8.8	13.8	0.0	0.0	13.8	0.0	NA	NA	22.7	-13.1	0.7	115.2
1983	31.3	10.6	16.0	0.0	0.0	16.0	0.0	NA	0.0	26.6	1.3	0.7	123.3
1984	36.2	9.9	16.1	0.0	0.0	16.1	0.0	0.0	0.0	26.0	-2.1	0.8	132.8
1985	31.9	9.6	17.3	0.0	0.0	17.3	0.0	0.0	0.0	26.9	-0.7	1.1	134.5
1986	21.8	10.9	13.0	0.0	0.0	13.0	0.0	0.0	0.0	23.9	2.1	5.7	128.3
1987	36.9	10.4	12.8	0.0	0.0	12.8	0.0	0.0	0.0	23.1	-11.5	7.8	137.5
1988	43.6	9.1	12.6	0.0	0.0	12.6	0.0	0.0	0.0	21.7	-14.6	9.6	144.6
1989	38.2	10.9	9.1	0.0	0.0	9.1	0.0	(s)	0.0	20.0	-6.2	6.7	142.5
1990 1991	38.3 43.1	14.2 11.0	5.3 6.3	0.0 0.0	0.0 0.0	5.3 6.3	0.0 0.0	(s) (s)	0.0 0.0	19.5 17.3	-16.3 -18.5	5.8 5.8	126.1 132.6
1991	39.1	9.5	6.5	0.0	0.0	6.5	0.0	(S) (S)	0.0	16.0	-16.5 -14.0	5.6 7.1	138.3
1992	35.4	10.1	8.1	0.0	0.0	8.1	0.0	(s)	0.0	18.2	-14.0 -15.0	8.9	136.6
1994	45.1	10.7	8.3	0.0	0.0	8.3	0.0	(s)	0.0	19.1	-26.6	10.4	136.0
1995	40.5	10.0	9.1	0.0	0.0	9.1	0.0	(s)	0.0	19.2	-27.8	13.5	133.3
1996	39.9	12.7	9.1	0.0	0.0	9.1	0.0	(s)	0.0	21.9	-25.9	12.0	140.1
1997	44.8	10.9	9.0	0.0	0.0	9.0	0.0	(s)	0.0	19.9	-31.0	13.6	144.9
1998	35.2	12.2	8.1	0.0	0.0	8.1	0.0	(s)	0.0	20.3	-23.4	13.2	136.3
1999	42.4	12.2	8.4	0.0	0.0	8.4	(s)	(s)	0.1	20.8	-48.8	26.2	134.6
2000	47.4	12.5	8.8	0.0	0.0	8.8	(s)	(s)	0.1	21.4	-33.4	13.4	<sub>5</sub> 147.5
2001	43.6	9.1	8.0	0.0	0.0	8.0	(s)	(s)	0.1	17.3	R -20.6	10.2	R 147.8
2002	41.4	11.3	11.2	0.0	0.0	11.2	(s)	(s)	0.1	22.7 R 24.1	R -17.0	8.3	R 148.4
2003	46.3	R 11.7	12.2	0.0	0.0	12.2	(s)	(s)	0.1		R -21.4 R -11.9	6.5	R 151.1 R 161.3
2004 2005	40.2 42.5	11.9 12.1	10.0 R 12.0	0.0 0.2	0.0 0.0	10.0 12.2	(s)	(s)	0.1 0.1	22.0 24.5	R-11.9 R-13.6	6.6 7.2	R 159.9
2005	42.5 53.3	12.1	12./	0.2	0.0	12.6	(s) (s)	(s) 0.1	0.1	∠4.5 27.0	R -29.8	7.2 8.3	R 159.9 R 156.9
2006	49.3	6.4	R 12.1	0.2	0.0	R 12.4	(S)	0.1	0.1	27.8 R 19.0	R -17.7	8.5	R 155.6
2007	51.2	14.7	R 12.1	1.8	0.0	R 13.9	(s)	0.1	0.1	R 28.8	R -28.2	8.5	R 147.5
2009	56.1	14.5	R 16.8	2.6	0.0	R 10 4	(s)	0.1	0.1	R 3/1 2	K <u>-</u> 35 5	8.7	R 154.7
2010	50.0	13.1	R 16.7	3.0	0.0	R 19.6	(s)	0.2	0.1	R 33.1	R -27.4	8.3	R 150.8
2011	51.4	13.8	16.0	2.9	0.0	18.9	(s)	0.2	0.3	33.4	-30.0	8.6	149.3
						-17	1-7						

<sup>&</sup>lt;sup>e</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

during the year. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

f Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>&</sup>lt;sup>9</sup> Excludes denaturant. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

h Losses and co-products from the production of fuel ethanol.

Solar thermal and photovoltaic energy.

I clinical solar thermal and photovoltaic energy.

Includes the energy losses associated with the generation, transmission, and distribution of the electricity flowing across state lines. A positive number indicates that more electricity came into the state than went out of the state

k Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Note: Totals may not equal sum of components due to independent rounding.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2011, Vermont

						Petroleum				Hydro-	Bio	mass			Retail			
	Coal	Natural Gas <sup>a</sup>	Distillate Fuel Oil	Jet Fuel <sup>b</sup>	LPG <sup>c</sup>	Motor Gasoline <sup>d</sup>	Residual Fuel Oil	Other <sup>e</sup>	Total	electric Power <sup>f,g</sup>				Solar	Electricity Sales		Electrical	
Year	Thousand Short Tons	Billion Cubic Feet		·	TI	nousand Barre	ıls			Million Kilowatt- hours	Wood and Waste <sup>g,h</sup>	Losses and Co- products <sup>i</sup>	Geo- thermal <sup>g</sup>	Thermal/ Photo- voltaic <sup>9</sup>	Million Kilowatt- hours	Net Energy <sup>g,j</sup>	System Energy Losses <sup>k</sup>	Total <sup>g,j</sup>
1960	118	0	2.949	82	404	3,332	477	1.178	8.421	64					875			
1965	62	0	4,247	79	450	3,789	906	1,059	10,531	53					1,333	==		
1970	32	3	5,474	121	542	5,077	882	898	12,994	62					2,612			
1975	18	3	4,603	129	833	5,698	795	502	12,561	67					2,995			
1980	13	4	4,050	137	666	5,437	471	506	11,267	70					3,951			
1985	52	5	4,550	201	791	5,813	122	1,065	12,540	70					4,015			
1990	8	6	4,558	180	1,401	6,696	237	419	13,491	17					4,716			
1995	3	7	5,322	127	1,673	7,211	215	535	15,083	18					5,104			
2000	1	9	5,116	144	1,769	8,394	309	721	16,454	20					5,639			
2001 2002	2	8	5,284 4.835	120 65	2,425	8,021	241 253	806 466	16,897 16,135	16 16					5,585 5.629			
2002	1	8	R 5,351	68	2,352 1,867	8,164 8,304	292	530	R 16,412	6					5,829			
2003	1	9	5,816	309	1,987	8,407	292	1,037	17.854	21					5,664			
2005	1	8	5,181	423	2,234	8,408	300	693	17,239	21					5.883			
2006	1	8	5,077	376	2,288	8,406	260	591	16,998	22					5.795			
2007	1	9	4,909	317	2,152	8,354	238	689	16,659	2					5,864			
2008	0	9	R 4,414	266	2,263	7,987	R 226	R 227	R 15,383	21					5,741			
2009	0	9	R 4,804	512	2,423	7,964	R 194	R 368	R 16,264	25					5,497			
2010	0	8	R 4,604	222	2,357	<sup>R</sup> 7,866	<sup>R</sup> 157	R 351	R 15,557	25					5,595			
2011	0	9	4,771	231	2,255	7,607	149	295	15,309	24					5,550			
									Trillion	Btu								
1960	3.0	0.0	17.2	0.4	1.6	17.5	3.0	6.9	46.6	0.7	7.9	NA	NA	NA	3.0	61.2	7.4	68.6
1965	1.5	0.0	24.7	0.4	1.8	19.9	5.7	6.2	58.7	0.6	6.9	NA	NA	NA	4.5	72.3	10.9	83.1
1970	0.8	2.7	31.9	0.7	2.1	26.7	5.5	5.4	72.2	0.6	6.5	NA	NA	NA	8.9		21.6	113.2
1975	0.4	3.4	26.8	0.7	3.2	29.9	5.0	2.9	68.5	0.7	6.6		NA	NA	10.2		24.5	114.4
1980	0.3	3.7	23.6	0.8	2.5	28.6	3.0	2.9	61.3	0.7	13.9	NA	NA	NA			32.4	125.8
1985	1.3	4.9	26.5	1.1	3.0	30.5	0.8	6.4	68.3	0.7	14.3	0.0	NA	NA (-)	13.7	103.2	31.4	134.5
1990 1995	0.2 0.1	6.0 7.1	26.6 31.0	1.0 0.7	5.4 6.4	35.2 37.6	1.5 1.4	2.4 3.3	72.0 80.3	0.2 0.2	4.3 5.7	0.0	0.0	(s)	16.1 17.4	98.7 110.8	27.4 22.4	126.1 133.3
2000	(s)	9.5	29.8	0.7	6.7	43.7	1.4	4.2	87.3	0.2	4.9	0.0	(s)	(s) (s)	17.4		26.4	147.5
2000	0.1	7.9	30.8	0.7	9.2	41.8	1.5	4.2	88.8	0.2	4.5	0.0	(s)	(s)	19.1	120.0	R 27.8	R 147.8
2002	(s)	8.4	28.2	0.4	9.0	42.5	1.6	2.8	84.4	0.2	2.8		(s)	(s)	19.2		R 33.4	R 148.4
2002	(s)	8.4	R 31.2	0.4	7.1	43.2	1.8	3.1	R 86.9	0.1	2.8	0.0	(s)	(s)	18.3		R 34.6	R 151 1
2004	(s)	8.7	33.9	1.8	7.6	43.8	1.9	6.3	95.3	0.2	3.2	0.0	(s)	(s)	19.3		R 34.6	R 161.3
2005	(s)	8.4	30.2	2.4	8.5	43.9	1.9	4.1	90.9	0.2	6.8	0.0	(s)	(s)	20.1	126.4	R 33.5	R 159.9
2006	(s)	8.0	29.6	2.1	8.7	43.9	1.6	3.5	89.3	0.2	6.5	0.0	(s)	0.1	19.8		R 32.9	R 156.9
2007	(s)	8.8	_ 28.6	1.8	8.2	43.6	_ 1.5	_ 4.2	_ 87.9	(s)	R 6.0	0.0	(s)	0.1	20.0		R 32.7	R 155.6
2008	0.0	8.6	R 25.7	1.5	8.6	41.7	R 1.4	R 1.3	R 80.3	0.2	R 6.5	0.0	(s)	0.1	19.6		R 32.2	R 147.5
2009	0.0	8.6	R 28.0	2.9	9.3	41.6	R 1.2	R 2.2	R 85.1	0.2	R 11.2		(s)	0.1	18.8	R 124.1	R 30.7	R 154.7
2010	0.0	8.4	R 26.8	1.3	9.0	R 41.0	R 1.0	R 2.1	R 81.2	0.2	R 10.2	0.0	(s)	0.2		R 119.4	R 31.4	R 150.8
2011	0.0	8.6	27.8	1.3	8.6	39.7	0.9	1.8	80.2	0.2	10.5	0.0	(s)	0.2	18.9	118.7	30.6	149.3

<sup>&</sup>lt;sup>a</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

<sup>&</sup>lt;sup>b</sup> Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

<sup>&</sup>lt;sup>c</sup> Liquefied petroleum gases.

<sup>&</sup>lt;sup>d</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.

<sup>&</sup>lt;sup>e</sup> Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

f Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

<sup>&</sup>lt;sup>9</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

h Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

i Losses and co-products from the production of fuel ethanol.

J Beginning in 2009, includes wind energy consumed by the commercial and industrial sectors. From 1981 through 1992, includes fuel

k Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

<sup>-- =</sup> Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Total end-use consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. • Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. • See the Technical Notes for each type of energy.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2011, Vermont

				Petro	oleum		Biomass						
	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Distillate Fuel Oil	Kerosene	LPG <sup>c</sup>	Total	Wood <sup>d</sup>			Retail Electricity Sales		Electrical System	
Year	Thousand Short Tons	Billion Cubic Feet		Thousar	nd Barrels		Thousand Cords	Geothermal <sup>e</sup>	Solar/PV <sup>e,f</sup>	Million Kilowatthours	Net Energy <sup>e,g</sup>	Energy Losses h	Total e,g
1960	45	0	2,044	701	208	2,953	173			451			
1965	45 27	ŏ	3,110	649	255	4,014	137			678			
1970	16	1	3,873	436	287	4,596	105			1,216			
1975 1980	5	1	3,101 2,171	235 230	447 287	3,783 2,688	123 215			1,427 1.781			
1985	2 10	1	2,171	514	484	3,481	155			1,538			
1990	1	2	2,293	193	894	3,380	99			1,809			
1995	(s)	2	2,321	180	985	3,487	108			1,973			
1996	(s)	3	2,368	203	1,111	3,682	113			2,006			
1997 1998	(s) (s)	3	2,309 2,008	238 326	990 1,118	3,538 3,452	82 73			1,992 1,951			
1999	(S)	3	2,006	262	1,093	3,452	73 74			1,999			
2000	(s)	3	2,450	326	1.059	3.836	80			2,037			
2001	(s)	3	2,220	320	1,454 1,454	3,994 _ 3,754	65			2,009			
2002	(s)	3	2,114	186	1,454	3,754	66			2,047			
2003 2004	(s)	3	R 2,371 2,696	276 400	1,200 1,212	R 3,847 4,308	69 71			2,011 2,109			
2004	(s) (s)	3	2,090	381	1,456	4,308	196			2,109			
2006	(s)	3	2.119	355	1.354	3.828	17/			2,142			
2007	(s)	3	_ 2,157	_ 248	1,286	_ 3,691	R 192			2,170			
2008	0	3	R 1,869	R 109	1,291	R 3,269	K 215			2,133			
2009 2010	0	3 3	R 2,022 R 1,676	R 168 150	1,561 1,544	R 3,752 R 3,370	R 427 R 373			2,122 2,128			
2010	0	3	1,764	104	1,326	3,194	381			2,125			
	<u> </u>	· · ·	.,		.,,,,	· · · · · · · · · · · · · · · · · · ·	rillion Btu			_,			
4000	4.4	0.0	44.0	4.0	0.0			NIA.	NIA.	4.5	00.0	2.2	00.0
1960 1965	1.1 0.7	0.0 0.0	11.9 18.1	4.0 3.7	0.8 1.0	16.7 22.8	3.5 2.7	NA NA	NA NA	1.5 2.3	22.8 28.5	3.8 5.5	26.6 34.0
1903	0.4	1.1	22.6	2.5	1.1	26.1	2.1	NA NA	NA NA	4.1	33.8	10.0	43.9
1975	0.1	1.1	18.1	1.3	1.7	21.1	2.5	NA	NA	4.9	29.7	11.7	41.4
1980	0.1	1.3	12.6	1.3	1.1	15.1	4.3	NA	NA	6.1	26.8	14.6	41.4
1985	0.2	1.4	14.5	2.9	1.9	19.2	3.1	NA	NA	5.2	29.3	12.0	41.3
1990 1995	(s) (s)	2.1 2.3	13.4 13.5	1.1 1.0	3.4 3.8	17.9 18.3	2.0 2.2	0.0 0.0	(s) (s)	6.2 6.7	28.2 29.5	10.5 8.7	38.7 38.2
1996	(s)	2.6	13.8	1.2	4.3	19.2	2.3	0.0	(s)	6.8	30.9	9.4	40.3
1997	(s)	2.7	13.4	1.4	3.8	18.6	1.6	0.0	(s)	6.8	29.7	9.0	38.7
1998	(s)	2.5	11.7	1.8	4.3	17.8	1.5	0.0	(s)	6.7	28.5	8.4	36.9
1999 2000	(s)	2.6 2.9	11.7	1.5	4.2 4.1	17.4 20.2	1.5 1.6	(s)	(s)	6.8	28.4 31.7	6.5 9.5	34.8 41.2
2000	(s) (s)	2.9 2.8	14.3 12.9	1.8 1.8	4.1 5.6	20.2	1.5	(s) (s)	(s) (s)	7.0 6.9	31.7	R 10.0	R 41.2
2002	(s)	2.8	12.2	1.1	5.6	18 0	1.3	(s)	(s)	7.0	30.1	K 12 1	R 122
2003	(s)	3.1	R 13.8	1.6	4.6	R 20.0	1.4	(s)	(s)	6.9	R 31.4	K 13.0	R 44 4
2004	(s)	3.1	15.7	2.3	4.7	22.6	1.4	(s)	(s)	7.2	34.4	K 12.9	R 47.3 R 47.9
2005	(s)	3.1	13.1	2.2	5.6	20.9	3.9	(s)	(s)	7.5	35.4	R 12.5 R 12.2	R 47.9 R 45.5
2006 2007	(s) (s)	2.9 3.2	12.3 12.6	2.0 1.4	5.2 4.9	19.6 18.9	3.5 R 3.8	(s) (s)	0.1 0.1	7.3 7.4	33.3 R 33.4	R 12.2	R 45.5
2007	0.0	3.1	R 10 9	R n e	5.0	R 16.5	R 4 3	(s)	0.1	7.3	R 31 2	R 12 0	K 43 2
2009	0.0	3.2	K 11 8	R 1.0	6.0	<sup>R</sup> 18 7	R 8.5 R 7.5	(s)	0.1	7.2	R 37.9	K 11 8	R 49.7 R 46.5
2010	0.0	3.1	R 9.8	0.9	5.9	K 16.5	K 7.5	(s)	0.2	7.3	R 34.5	<sup>R</sup> 11.9	K 46.5
2011	0.0	3.2	10.3	0.6	5.1	16.0	7.6	(s)	0.2	7.2	34.3	11.7	46.0

in net energy and total.

 <sup>&</sup>lt;sup>a</sup> Beginning in 2008, data are no longer collected and are assumed to be zero.
 <sup>b</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural

gas.

c Liquefied petroleum gases.
d Wood and wood-derived fuels.
There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of services and sources beginning in 1989.

the commercial and industrial sectors.

g Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once

h Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

of reclinical voices for all explanation of changes in methodology.

— = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05. Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete\_cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2011, Vermont

					Peti	roleum			111	Biomass		D. (-1)			
	Coal	Natural Gas <sup>a</sup>	Distillate Fuel Oil	Kerosene	LPG b	Motor Gasoline <sup>c</sup>	Residual Fuel Oil	Total <sup>d</sup>	Hydro- electric Power <sup>e,f</sup>	Wasal		Retail Electricity Sales		Electrical	
Year	Thousand Short Tons	Billion Cubic Feet			Thousa	nd Barrels			Million Kilowatthours	Wood and Waste f,g	Geothermal <sup>f</sup>	Million Kilowatthours	Net Energy <sup>f,h</sup>	System Energy Losses <sup>i</sup>	Total <sup>f,h</sup>
1960	31	0	418	43	96	127	225	909	NA			233			
1965	21	Ö	418 636	40	117	24	225 422	1,239	NA			303			
1970	13	1	792	27	132	25	414	1,390	NA			609			
1975 1980	11 9	1	634 620	15 44	206 132	30 33	373 237	1,257 1,065	NA NA			709 923			
1985	36	2	591 669	36	223	40	24	914	NA			959			
1990	6	2	669	12	411	41	119	1,253	0			1,526			
1995 1996	3	3	692 795	14	453 511	7	71	1,236 1,399	0			1,647 1,696			
1996	1 2	3	795 850	13 21	511 455	7	72 111	1,399	0			1,696			
1998	2	3	938	32	514	7	107	1,597	ő			1,878			
1999	2	2	946	35	503	7	71	1,561	0			1,941			
2000	1	3 2	1,040	23	487	7 7	101	1,659	0			1,956			
2001 2002	2	2	1,009 865	35 16	668 669	7	92 121	1,811 1,677	0			1,968 1,991			
2002	i	3	R 971	21	524	7	151	R 1,674	0			1,881			
2004	1	3	1,036	34	625	7	147	1,848	0			1,978			
2005	1	3	858 812	31 26	511	7	145 130	1,552	0			2,051 2,027			
2006 2007	1	2	812 766	26 27	516 642	7	130 87	1,491 1,529	0 0			2,027			
2008	Ó	2	R 561	R <sub>6</sub>	778	7	R 109	R 1 /61	0			2,043			
2009	Ö	2	R 701	14	766	7	R 89	R 1 576	0			1,991			
2010	0	2	R 668	8	737	7	R 59	K 1,479	0			2,021			
2011	0	2	645	9	851	7	53	1,564	0			2,009			
								Trillion Btu							
1960	0.8	0.0	2.4	0.2	0.4	0.7	1.4	5.1	NA	0.1	NA	0.8	6.8	2.0	8.7
1965 1970	0.5	0.0	3.7	0.2 0.2	0.4	0.1	2.7	7.2 8.0	NA	0.1	NA NA	1.0	8.7	2.5	11.2
1970	0.3 0.2	0.6 0.8	4.6 3.7	0.2	0.5 0.8	0.1 0.2	2.6 2.3	7.1	NA NA	(s) (s)	NA NA	2.1 2.4	11.0 10.5	5.0 5.8	16.0 16.3
1980	0.2	8.0	3.6	0.2	0.5	0.2	1.5	6.0	NA	0.1	NA	3.1	10.3	7.6	17.9
1985	0.9	1.6	3.4	0.2	0.9	0.2	0.1	4.9	NA	0.1	NA	3.3	10.6	7.5	18.1
1990 1995	0.1 0.1	2.0 2.7	3.9 4.0	0.1 0.1	1.6 1.7	0.2	0.7 0.4	6.5 6.3	0.0 0.0	0.2 0.3	0.0 0.0	5.2 5.6	14.1 15.0	8.9	23.0 22.2
1995		2.7	4.6	0.1	2.0	(s) (s)	0.4	7.2	0.0	0.3	0.0	5.8	16.2	7.2 7.9	24.1
1997	(s) 0.1	3.1	4.9	0.1	1.7	(s)	0.7	7.5	0.0	0.3	0.0	6.0	17.0	7.9	24.9
1998	(s)	3.0	5.5	0.2	2.0	(s)	0.7	8.3	0.0	0.2	0.0	6.4	18.0	8.1	26.1
1999 2000	(s)	2.3 2.6	5.5	0.2	1.9	(s)	0.4 0.6	8.1 8.7	0.0 0.0	0.3 0.3	0.0	6.6	17.4 18.3	6.3 9.1	23.7
2000	(S) (S)	2.5	6.1 5.9	0.1 0.2	1.9 2.6	(s) (s)	0.6	9.3	0.0	0.3	0.0 0.0	6.7 6.7	18.3	Rag	27.5 R 28.5
2002	(s)	2.5	5.0 R 5.7	0.1	2.6	(s)	0.8	8.5	0.0	0.2	0.0	6.8	18.0	R 11 Q	Kaaa
2003	(s)	2.8		0.1	2.0	(s)	1.0	R 8.8	0.0	0.2	0.0	6.4	R 18.2	K 12 2	R 30.4
2004	(s)	2.7 2.6	6.0	0.2 0.2	2.4 2.0	(s) (s)	0.9 0.9	9.6 8.1	0.0	0.2 0.6	0.0 0.0	6.7	19.3 18.3	R 12.1 R 11.7	R 31.4 R 30.0
2005 2006	(s) (s)	2.6	5.0 4.7	0.2	2.0	(S) (S)	0.9	7.7	0.0 0.0	0.6	0.0	7.0 6.9	17.6	11.5	29.1
2007	(s)	2.6	4.5	0.2	2.5	(s)	0.5	7.7	0.0	0.6	0.0	7.0	18.0	R 11.5	29.4
2008	0.0	2.5	R 3.3	(s) 0.1	3.0	(s)	0.7	R 7.0	0.0	0.7	0.0	7.0	R 17 1	K 11.5	R 28.6
2009 2010	0.0	2.5 2.4	R 4.1 R 3.9		2.9 2.8	(s)	0.6	R 7.7 R 7.2	0.0	R 1.2 R 1.2	0.0 0.0	6.8	R 18.2 R 17.7	R 11.1 R 11.3	R 29.3 R 29.0
2010	0.0	2.4	3.8	(s) (s)	3.3	(s) (s)	0.4 0.3	7.4	0.0 0.0	1.3	0.0	6.9 6.9	18.1	11.3	29.2
	0.0	2.0	- 0.0	(0)	0.0	(5)	- 0.0		0.0			- 0.0			

a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

b Liquefied petroleum gases.

Beginning in 1993, includes fuel ethanol blended into motor gasoline.

 Includes small amounts of petroleum coke not shown separately.

Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

<sup>&</sup>lt;sup>1</sup>f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

h Distributed solar thermal and photovoltaic energy consumed in the commercial sector is included in residential consumption. From 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2008, includes small amount of solar and wind energy consumed by commercial plants with capacity of 1 megawatt or greater. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which

<sup>&</sup>lt;sup>1</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

<sup>--</sup> = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2011, Vermont

					Petro	leum				Bior	nass		D. (-1)			
	Coal	Natural Gas <sup>a</sup>	Distillate Fuel Oil	LPG b	Motor Gasoline <sup>C</sup>	Residual Fuel Oil	Other <sup>d</sup>	Total	Hydro- electric Power <sup>e,f</sup>		Losses		Retail Electricity Sales		Electrical System	
Year	Thousand Short Tons	Billion Cubic Feet			Thousan	d Barrels			Million kWh	Wood and Waste <sup>f,g</sup>	and Co- products h	Geo- thermal <sup>f</sup>	Million kWh	Net Energy <sup>f,i</sup>	Energy Losses	Total <sup>f,i</sup>
1960	41	0	234	99	0	252	346	931	64				191			
1965	14	0	316	77	100	484	301	1,278	53				352			
1970 1975	3 2	1 2	463 364	121 179	68 77	466 421	372 196	1,489 1,237	62 67	==			787 858			
1975	2	2	501	245	19	235	156	1,155	70				1,247			
1985	6	2	500	70	117	98	445	1,230	70				1,518			
1990	1	2	554	85	81	115	146	981	17				1,381			
1995 1996	0	2 2	328 326	220 196	89 90	144 210	278 327	1,058 1,149	18 16	==			1,484 1,537			
1997	107	2	345	77	95	212	830	1,560	22				1,561			
1998	0	2	379	144	76	168	329	1,095	24				1,534			
1999	80	3	409	19	82	149	248	908	20				1,587			
2000 2001	0	4	381 366	223 303	79 170	207 149	277 358	1,166 1,344	20 16				1,646 1,608			
2002	ő	3	338	229	179	132	205	1 083	16				1,592			
2003	0	2	R 445	139	210	141	178	R 1,112	6				1,460			
2004 2005	0	3	586 560	145 259	237 235	151 156	537 210	1,656 1,419	21 21				1,577 1,644			
2005	0	3	509	411	264	130	149	1,419	22				1,626			
2007	Ō	3	396	220	198	151	352	1 318	2				1,635			
2008	0	3	R 519 R 533	165	115	R 117 R 105	R 59 R 136	R 976 R 979	21				1,565			
2009 2010	0	3	R 551	91 66	114 R 149	R 97	R 136	R 1,005	25 25				1,383 1,446			
2011	ő	3		72		96	134	1,126	24				1,417			
								Tri	llion Btu							
1960	1.1	0.0	1.4	0.4		1.6	2.2	5.5	0.7	4.4	NA	NA	0.7	12.4	1.6	14.0
1965	0.4	0.0	1.8	0.3		3.0	1.9	7.6	0.6	4.1	NA	NA	1.2	13.9	2.9	16.7
1970 1975	0.1 0.1	1.1 1.5	2.7 2.1	0.5 0.7	0.4 0.4	2.9 2.6	2.4 1.1	8.8 7.0	0.6 0.7	4.3 4.1	NA NA	NA NA	2.7 2.9	17.6 16.3	6.5 7.0	24.1 23.3
1980	(s) 0.1	1.6	2.9	0.9	0.1	1.5	0.9	6.3	0.7	9.5	NA	NA	4.3	22.5	10.2	32.7
1985		1.9	2.9	0.2		0.6	2.8	7.2	0.7	11.2	0.0	NA	5.2	26.3	11.9	38.2
1990 1995	(s) 0.0	1.8 2.1	3.2 1.9	0.3 0.8		0.7 0.9	0.8 1.8	5.5 5.9	0.2 0.2	2.1 3.2	0.0	0.0 0.0	4.7 5.1	14.4 16.5	8.0 6.5	22.4 23.0
1996	0.0	2.0	1.9	0.8	0.5	1.3	2.1	6.5	0.2	2.9	0.0	0.0	5.2	16.9	7.2	24.0
1997	2.6	2.4	2.0	0.3	0.5	1.3	5.5	9.6	0.2	3.2	0.0	0.0	5.3	23.4	7.0	30.4
1998	0.0	2.1	2.2	0.5		1.1	2.0	6.2	0.2	2.7	0.0	0.0	5.2	16.5	6.6	23.2
1999 2000	2.0 0.0	2.9 4.0	2.4 2.2	0.1 0.8	0.4 0.4	0.9 1.3	1.6 1.7	5.4 6.5	0.2 0.2	2.5 3.0	0.0	0.0	5.4 5.6	18.4 19.3	5.1 _ 7.7	23.6 _ 27.0
2000	0.0	2.6	2.2	1.1	0.4	0.9	2.3	7.3	0.2	2.6	0.0	0.0	5.5	18.2	Ran	R 26 2
2002	0.0	3.1	2.0 R 2.6	0.8	0.9	0.8	1.3	5.9	0.2	1.3	0.0	0.0	5.4	15.9	R94	R 25.3
2003	0.0	2.5		0.5		0.9	1.1	R 6.2	0.1	1.2	0.0	0.0	5.0	R 14.9	R 9 4	R 24 3
2004 2005	0.0	2.8 2.6	3.4 3.3	0.5 0.9	1.2 1.2	0.9 1.0	3.5 1.3	9.6 7.7	0.2 0.2	1.5 2.2	0.0	0.0	5.4 5.6	19.5 18.4	R 9.6 R 9.4	R 29.1 27.7
2005	0.0	2.8	3.0	1.5	1.4	0.8	1.0	7.7	0.2	2.5	0.0	0.0	5.5	18.6	9.2	27.8
2007	0.0	3.0	2.3	0.8	1.0	1.0	2.3	7.4	(s)	1.6	0.0	0.0	5.6	R 17 6	9.1	R 26.7
2008	0.0	3.0	R 3.0	0.6		R 0.7	0.4	R 5.3 R 5.6	0.2	1.5	0.0	0.0	5.3	R 15 4	8.8 P 3.3	K 24 2
2009 2010	0.0 0.0	2.9 2.9	R 3.1 R 3.2	0.3 0.2	0.6 R 0.8	0.7 R 0.6	R 0.9 R 0.9	R 5.6 R 5.7	0.2 0.2	R 1.4 R 1.5	0.0 0.0	0.0 0.0	4.7 4.9	R 14.9 R 15.4	R 7.7 R 8.1	R 22.6 R 23.5
2010	0.0	2.8	3.9	0.2		0.6	0.9	6.4	0.2	1.6	0.0	0.0	4.8	15.9	7.8	23.7
	0.0	2.0	3.0	3.2	3.0	3.0	3.0	J	0.2		0.0	0.0		.0.0		

a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

plants with capacity of 1 megawatt or greater. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

I incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for

b Liquefied petroleum gases.

Egginning in 1993, includes fuel ethanol blended into motor gasoline.

d Includes asphalt and road oil, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

<sup>&</sup>lt;sup>6</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

9 Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

h Losses and co-products from the production of fuel ethanol.

Distributed solar thermal and photovoltaic energy consumed in the industrial sector is included in residential consumption. From 1981 through 1992, includes fuel ethanol blended into motor gasoline but not shown in the motor gasoline column. Beginning in 2008, includes small amount of solar and wind energy consumed by industrial

electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

kWh = Kilowatthours. -- = Not applicable. NA = Not available. Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. Sée the Technical Notes for each type of energy.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2011, Vermont

						Р	etroleum				D. (all			
	Coal	Natural Gas <sup>a</sup>	Aviation Gasoline	Distillate Fuel Oil	Jet Fuel <sup>b</sup>	LPG <sup>c</sup>	Lubricants	Motor Gasoline <sup>d</sup>	Residual Fuel Oil	Total	Retail Electricity Sales		Electrical System	
Year	Thousand Short Tons	Billion Cubic Feet				Thou	sand Barrels				Million Kilowatthours	Net Energy <sup>f,g</sup>	Energy Losses h	Total f,g
1960	1	0	19 25	254 185	82 79	(s)	68 44	3,205 3,665	0	3,629	0			
1965	(s) (s) (s)	0	25	185	79	1	44	3,665	0	4,000	0			
1970 1975	(S)	0	14 11	346 504	121 129	3	49 45	4,985 5,591	2 2	5,519 6,284	0			
1980	0	Ö	25	757	137	2	52	5,386	0	6,359	Ö			
1985	0	(s)	22	977	201	13	47	5,656	0	6,916	0			
1990	0	(s)	15	1,043	180	11	53	6,574	3 0	7,878	0			
1995 1996	0	(s) (s)	12 10	1,981 2,227	127 99	15 16	51 49	7,116 7,234	0	9,302 9,636	0			
1997	0	(s)	12	1.809	106	17	52	7.504	0	9.501	0			
1998	Ō	(s)	10	1,784	121	(s)	55	7,428	0	9,398	(s)			
1999	0	(s) (s)	12	2,006	143	2	55 54	7,610	0	9,828	Ó			
2000 2001	0		40 44	1,245 1,690	144 120	0 (s)	54 50	8,309 7.844	0	9,793 9,748	0			
2002	0	(s) (s)	10	1 510	65	(s)	49	7,978	0	0,621	0			
2003	Ö	(s) (s)	9	R 1.565	68	`4	45	8,088	0	R 9,779	0			
2004	0	(s)	21	1,498	309	5	46	8,164	0	10,042	0			
2005 2006	0	(s) (s)	26 16	1,506 1,636	423 376	8	46 45	8,166 8,135	0	10,174 10,216	0			
2007	0	(5)	16	1 580	317	4	45	8,149	0	10 122	0			
2008	ŏ	(s) (s)	10	R 1 464	266	29	46 43	7,865	ŏ	R 9.677	ŏ			
2009	0	(s)	11	R 1.547	512	.5	38	7,843	0	R 9,957	0			
2010 2011	0	(s) (s)	9	R 1,710 1,686	222 231	10 6	43 41	R 7,710 7,451	0	R 9,704 9,424	0			
2011	0	(3)	0	1,000	231	0		Ilion Btu	0	3,424	0			
1960	(s) (s) (s) (s)	0.0	0.1	1.5	0.4	(s)	0.4	16.8	0.0	19.3	0.0	19.3	0.0	19.3
1965 1970	(S)	0.0 0.0	0.1 0.1	1.1 2.0	0.4 0.7	(s) (s)	0.3 0.3	19.3 26.2	0.0 (s)	21.2 29.3	0.0 0.0	21.2 29.3	0.0 0.0	21.2 29.3
1975	(s)	0.0	0.1	2.9	0.7	(s)	0.3	29.4		33.4	0.0	33.4	0.0	33.4
1980	0.0	0.0	0.1	4.4	0.8	(s)	0.3 0.3	28.3	(s) 0.0	33.9	0.0	33.9	0.0	33.9
1985	0.0	(s)	0.1	5.7	1.1	0.1	0.3	29.7	0.0	37.0	0.0	37.0	0.0	37.0
1990 1995	0.0 0.0	(S)	0.1 0.1	6.1 11.5	1.0 0.7	(s) 0.1	0.3 0.3	34.5 37.1	(s) 0.0	42.1 49.8	0.0 0.0	42.1 49.8	0.0 0.0	42.1 49.8
1996	0.0	(s)	0.1	13.0	0.6	0.1	0.3	37.7	0.0	51.7	0.0	51.7	0.0	51.7
1997	0.0	(s) (s) (s) 0.2	0.1	10.5	0.6	0.1	0.3	39.1	0.0	50.7	0.0	50.9	0.0	50.9
1998	0.0	(s) (s)	0.1	10.4	0.7	(s) (s)	0.3	38.7	0.0	50.2	(s) 0.0	50.2	(s)	50.2
1999 2000	0.0 0.0		0.1	11.7	0.8 0.8	(s)	0.3 0.3	39.7 43.3	0.0 0.0	52.6 51.9	0.0	52.6 51.9	0.ó 0.0	52.6 51.9
2000	0.0	(s) (s)	0.2 0.2	7.3 9.8	0.8	0.0 (s)	0.3	43.3 40.9	0.0	51.9 51.9	0.0	51.9 51.9	0.0	51.9 51.9
2002	0.0	(s) (s)	0.1	8.8	0.4	(s)	0.3	41.5	0.0	51.1	0.0	51.1	0.0	51.1
2003	0.0	(s)	(s) 0.1	R 9.1	0.4	(s)	0.3	42.1	0.0	R 51.9	0.0	R 52.0	0.0	R 52.0
2004 2005	0.0 0.0	(s)	0.1 0.1	8.7 8.8	1.8 2.4	(s)	0.3 0.3	42.6 42.6	0.0 0.0	53.5 54.2	0.0 0.0	53.5 54.2	0.0 0.0	53.5 54.2
2005	0.0	(s) (s)	0.1	9.5	2.4	(s) (s)	0.3	42.6 42.4	0.0	54.2 54.5	0.0	54.2 54.5	0.0	54.2 54.5
2007	0.0	(s)	0.1	9.3	1.8	(s)	0.3	42.5	0.0	54.0	0.0	54.0	0.0	54.0
2008	0.0	(s) (s)	0.1	Rgs	1.5	0.1	0.3	41.0	0.0	R 51 5	0.0	R 51.5 R 53.2	0.0	K 51 5
2009	0.0	(s) (s)	0.1	R 9.0 R 10.0	2.9	(s) (s)	0.2	40.9 R 40.2	0.0	R 53.2 R 51.8	0.0	<sup>R</sup> 53.2 R 51.8	0.0	R 53.2 R 51.8
2010 2011	0.0 0.0	(S) 0.1	(s) (s)	9.8	1.3 1.3	(S) (S)	0.3 0.2	38.9	0.0 0.0	50.3	0.0 0.0	50.4	0.0 0.0	50.4
_0.1	0.0	0.1	(3)	0.0	1.0	(3)	0.2	50.5	0.0	00.0	0.0	50.7	0.0	50.7

<sup>&</sup>lt;sup>a</sup> Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, natural gas consumed as vehicle fuel.

<sup>b</sup> Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Industrial sector, Other Petroleum."

<sup>c</sup> Liquefied petroleum gases.

<sup>d</sup> Beginning in 1993, motor gasoline includes fuel ethanol blended into the product.

<sup>&</sup>lt;sup>e</sup> Beginning in 1981, fuel ethanol is shown separately to display the use of renewable energy by the transportation sector. It is counted only once in the total. There is also a discontinuity in this time series between 2004 and 2005 due to changes in estimation methodology. See Section 5 of the Technical Notes.

† There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of renewable

energy sources beginning in 1981.

9 From 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor

gasoline column.

h Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

<sup>— =</sup> Not applicable.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2011, Vermont

Coal   Case   Case   Case   Case   Fuel Oil   Case   Fuel Oil   Total   Fuel Oil   Fue					Petro	leum		Needeen		Biomass				No	
Thousand   Short   Thousand Barrels		Coal	Natural Gas <sup>a</sup>	Distillate Fuel Oil <sup>b</sup>		Residual Fuel Oil <sup>c</sup>	Total		Hydroelectric Power d	Wasal	Geothermal <sup>f</sup>	Solar/PV f,g	Wind <sup>f</sup>		
1975 13 1 88 0 (s) 87 3.581 871 0 NA NA 75 1980 28 (s) 84 0 0 0 64 2.999 852 0 0 NA NA NA 75 1980 28 (s) 84 0 0 0 38 3.616 3.42 0 0 0 0 1,710 1980 0 (s) 19 0 0 0 19 39 0 0 39 3.8899 194 0 0 0 0 3.517 1980 0 (s) 19 0 0 0 19 13 3.7899 1,1216 0 0 0 0 0 3.517 1980 0 (s) 19 0 0 0 19 3 3.8899 14 0 0 0 0 0 3.517 1980 0 (s) 19 0 0 0 19 3 3.589 11,75 0 0 0 0 3.517 1999 0 (s) 64 0 0 0 64 4.099 1,175 0 0 0 0 3.517 1999 0 0 (s) 64 0 0 0 64 4.099 1,175 0 0 0 144 7.672 1999 0 0 (s) 84 0 0 0 64 4.099 1,175 0 0 0 142 7.672 2002 0 0 (s) 87 0 0 0 157 4.548 1,170 0 0 0 0 12 2.3919 2002 0 0 (s) 87 0 0 0 157 4.548 1,180 1	Year				Thousand	d Barrels		Million Ki	lowatthours	and		Million Kil	owatthours		Total <sup>f,i</sup>
1975 13 1 88 0 (s) 87 3.581 871 0 NA NA 75 1980 28 (s) 84 0 0 0 64 2.999 852 0 0 NA NA NA 75 1980 28 (s) 84 0 0 0 38 3.616 3.42 0 0 0 0 1,710 1980 0 (s) 19 0 0 0 19 39 0 0 39 3.8899 194 0 0 0 0 3.517 1980 0 (s) 19 0 0 0 19 13 3.7899 1,1216 0 0 0 0 0 3.517 1980 0 (s) 19 0 0 0 19 3 3.8899 14 0 0 0 0 0 3.517 1980 0 (s) 19 0 0 0 19 3 3.589 11,75 0 0 0 0 3.517 1999 0 (s) 64 0 0 0 64 4.099 1,175 0 0 0 0 3.517 1999 0 0 (s) 64 0 0 0 64 4.099 1,175 0 0 0 144 7.672 1999 0 0 (s) 84 0 0 0 64 4.099 1,175 0 0 0 142 7.672 2002 0 0 (s) 87 0 0 0 157 4.548 1,170 0 0 0 0 12 2.3919 2002 0 0 (s) 87 0 0 0 157 4.548 1,180 1	1960	19	0	8	0	1	9	0	809		0	NA	NA	64	
1975 13 1 88 0 (s) 87 3.581 871 0 NA NA 75 1980 28 (s) 84 0 0 0 64 2.999 852 0 0 NA NA NA 75 1980 28 (s) 84 0 0 0 38 3.616 3.42 0 0 0 0 1,710 1980 0 (s) 19 0 0 0 19 39 0 0 39 3.8899 194 0 0 0 0 3.517 1980 0 (s) 19 0 0 0 19 13 3.7899 1,1216 0 0 0 0 0 3.517 1980 0 (s) 19 0 0 0 19 3 3.8899 14 0 0 0 0 0 3.517 1980 0 (s) 19 0 0 0 19 3 3.589 11,75 0 0 0 0 3.517 1999 0 (s) 64 0 0 0 64 4.099 1,175 0 0 0 0 3.517 1999 0 0 (s) 64 0 0 0 64 4.099 1,175 0 0 0 144 7.672 1999 0 0 (s) 84 0 0 0 64 4.099 1,175 0 0 0 142 7.672 2002 0 0 (s) 87 0 0 0 157 4.548 1,170 0 0 0 0 12 2.3919 2002 0 0 (s) 87 0 0 0 157 4.548 1,180 1	1965	43		38		3	42		661						
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1998 0 (s) 107 0 0 107 3,358 1,170 0 0 0 0 3,861 1999 0 (s) 64 0 0 0 64 4,059 1,175 0 0 14 7,672 2000 0 1 159 0 0 0 159 4,548 1,201 0 0 0 12 3,317 2003 0 (s) 57 0 0 0 37 4,848 1,201 0 0 0 110 2,433 2003 0 (s) 57 0 0 0 37 4,848 1,201 0 0 0 111 1,916 2003 0 (s) 57 0 0 0 37 4,444 1,148 0 0 0 111 1,916 2005 0 (s) 12 0 0 12 4,072 1,190 0 0 0 111 1,916 2005 0 (s) 12 0 0 12 4,072 1,190 0 0 0 11 2,149 2006 0 (s) 12 0 0 0 12 4,072 1,190 0 0 0 11 2,149 2007 0 (s) 8 0 0 0 9 4,704 1,447 0 0 0 11 2,146 2008 0 0 (s) 9 0 0 0 9 4,704 1,447 0 0 0 11 2,149 2009 0 0 (s) 9 0 0 0 9 4,704 1,447 0 0 0 11 2,483 2010 0 (s) 9 0 0 0 1 5 4,702 1,322 0 0 0 12 2,483 2010 0 (s) 5 0 0 1 5 4,702 1,322 0 0 0 14 2,426 2011 0 (s) 5 0 0 1 5 4,702 1,322 0 0 0 14 2,426 2011 0 (s) 7 0 0 1 7 7 4,907 1,401 0 2 33 2,522 2011 0 (s) 5 0 0 0 1 7 7 4,907 1,401 0 2 33 2,522 2011 0 0 (s) 7 0 0 1 7 7 4,907 1,401 0 2 3 3 2,522 2011 0 0 (s) 7 0 0 1 1 5 4,702 1,322 0 0 0 14 2,426 2011 0 0 (s) 7 0 0 1 7 7 4,907 1,401 0 2 3 3 2,522 2011 0 0 (s) 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1996	0	(s)		•	0		3,799	1,216		0	•	0	3,517	
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2002 0 (s) 31 0 0 31 3,963 1,099 0 0 10 2,433 2004 0 (s) 57 0 0 0 57 4,444 1,148 0 0 0 111 1,936 2004 0 (s) 45 0 0 0 45 3,858 1,166 0 0 0 111 1,938 2005 0 (s) 12 0 0 0 12 1,1990 0 0 0 111 1,938 2007 0 (s) 8 0 0 0 8 5,107 1,497 0 0 0 111 2,149 2008 0 (s) 8 0 0 0 8 5,107 1,497 0 0 0 111 2,493 2009 0 (s) 8 0 0 1 7 4,484 1,485 1,472 0 0 0 111 2,493 2009 0 (s) 5 0 0 1 7 4,485 1,472 0 0 0 112 2,493 2010 0 (s) 5 0 1 7 0 1 7 4,907 1,401 0 2 3 33 2,552 2011 0 (s) 7 0 1 7 4,907 1,401 0 2 3 33 2,552  2011 0 (s) 7 0 1 7 4,907 1,401 0 2 3 33 2,552  2011 0 0 (s) 0 0 (s) 0 0 (s) 0.0 (s) 0.1 1,497 0,00 0.0 NA NA 0 2 95 1965 1,2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2000	0	`1	159		•	159	4,548	1.201				12	3,917	
2003 0 (s) 57 0 0 0 57 4,444 1,148 0 0 0 11 1,916 2004 0 (s) 45 0 0 0 45 3,858 1,166 0 0 0 11 1,916 2005 0 (s) 12 0 0 0 12 4,072 1,190 0 0 0 11 2,16 2007 0 (s) 8 0 0 0 8 5,107 1,497 0 0 0 11 2,429 2008 0 0 (s) 8 0 0 0 9 4,704 645 0 0 0 11 2,2489 2008 0 0 (s) 6 6 0 1 7 7 4,895 1,472 0 0 0 11 2,2489 2010 0 (s) 6 5 0 1 1 5 45,338 1,462 0 0 0 11 2,2489 2010 0 (s) 7 0 1 5 7 0 1 5 7 0 1 1 5 7 0,00 1 1 2,248 1 2011 0 (s) 7 0 1 1 7 4,907 1,401 0 2 3 3 2,522 2011 0 (s) 7 0 1 7 4,907 1,401 0 2 3 3 2,522 2012 0 0 (s) 7 0 1 7 4,907 1,401 0 2 3 3 2,522 2013 0 0 (s) 6 0 0 1 7 0 1 7 4,907 1,401 0 2 2 33 2,522 2014 0 0 (s) 7 0 1 1 5 4,762 1,522 0 0 0 114 2,538 2015 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2001	0		87		0	87	4,171	868		•		12	2,999	
2004 0 (s) 45 0 0 0 45 3,858 1,166 0 0 0 11 1,938 2005 0 (s) 12 0 0 0 12 4,072 1,190 0 0 0 11 2,416 2006 0 (s) 8 0 0 0 8 5,107 1,497 0 0 0 11 2,429 2008 0 (s) 9 0 0 0 9 4,704 645 0 0 0 11 2,429 2008 0 (s) 6 0 1 7 4,895 1,472 0 0 0 10 2,493 2010 0 (s) 3 0 1 4 5,361 1,461 0 0 12 2,553 2010 0 (s) 5 0 1 5 4,782 1,322 0 0 1 14 2,426 2011 0 (s) 7 0 1 7 4,907 1,401 0 2 3 2,522  Trillion Btu   Trillion Btu  1960 0.5 0.0 (s) 0.0 (s) 0.1 0.0 8,7 0.0 0.0 NA NA 0.1 8,5 1970 1.4 0.0 1.6 0.0 0.1 1.7 0.0 8,7 0.0 0.0 NA NA 0.1 8,5 1970 1.4 0.0 1.6 0.0 0.1 1.7 0.0 7,6 0.0 0.0 NA NA 0.2 1.8 1980 0.2 0.2 0.4 0.0 0.0 (s) 0.5 39.2 9.1 0.0 0.0 NA NA 0.2 1.8 1980 0.2 0.2 0.4 0.0 0.0 (s) 0.5 39.2 9.1 0.0 0.0 NA NA 0.2 1.8 1980 0.2 0.2 0.4 0.0 0.0 (s) 0.5 39.2 9.1 0.0 0.0 NA NA 0.2 1.8 1980 0.2 0.2 0.4 0.0 0.0 0.0 0.4 32.5 7.7 0.5 0.0 NA NA 0.2 1.8 1980 0.2 0.2 0.4 0.0 0.0 0.0 0.4 32.5 7.7 0.5 0.0 NA NA 0.6 42.2 1980 0.0 0.7 (s) 0.0 0.0 0.0 0.0 0.0 0.0 NA NA NA 0.2 49.9 1980 0.0 0.7 (s) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 NA NA NA 0.6 42.2 1980 0.0 0.7 (s) 0.0 0.0 0.0 0.2 31.9 8.9 2.9 0.0 0.0 0.0 0.0 1.1 45.8 1990 0.0 0.7 (s) 0.0 0.0 0.0 4.4 32.5 7.7 0.5 0.0 NA NA NA 0.6 42.2 1990 0.0 0.7 (s) 0.0 0.0 0.2 40.5 98.8 3.4 0.0 0.0 0.0 0.0 13.5 67.7 1996 0.0 (s) 0.1 0.2 0.0 0.0 0.0 0.2 44.8 10.7 3.9 0.0 0.0 0.0 0.0 13.5 67.8 1998 0.0 0.0 0.7 (s) 0.0 0.0 0.4 42.4 12.0 42.8 0.0 0.0 0.0 0.1 13.4 79.1 1998 0.0 0.0 0.0 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.1 13.4 79.1 1999 0.0 0.0 0.0 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 13.2 68.8 1998 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.4 42.4 1999 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2002	0	(S)	31 57		0	31 57	3,963	1,099		•	•		2,433	
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2008	2006	0	(s)			•	8	5.107	1.497				11	2.429	
2009   0   (s)   3   0   1   4   5.361   1.461     0   0   14   2.263	2007	0	(s)			0		4,704			•			2,488	
2010   0   (s)   5   0   1   5   4,782   1,322     0   0   14   2,426		0	(S)		•	1	•	4,895 5.361	1,472		•	•		2,493	
Trillion Btu   Tril			(s)			i		4.782	1,322					2.426	
1960		0	(s)		0	1	7	4,907	1,401		0	2	33	2,522	
1970								Trillion E	Btu						
1970		0.5	0.0	(s)		(s)			8.7	0.0	0.0	NA		0.2	9.5
1975	1965	1.2	0.0	0.2		(s)	0.2	0.0		0.0		NA		0.1	8.5
1980	1970	1.4	0.0	1.6		0.1	1./	0.0		0.0		NA	NA NA	0.2	10.8
1985 0.7 0.1 0.2 0.0 0.0 0.2 31.9 8.9 2.9 0.0 0.0 0.0 0.0 1.1 45.8 1990 0.0 0.7 (s) 0.0 0.0 0.0 (s) 38.3 14.0 1.0 0.0 0.0 0.0 0.0 5.8 59.9 1995 0.0 0.1 0.2 0.0 0.0 0.0 0.2 40.5 9.8 3.4 0.0 0.0 0.0 0.0 13.5 67.7 1996 0.0 (s) 0.1 0.0 0.0 0.0 0.0 0.1 39.9 12.6 3.6 0.0 0.0 0.0 0.0 12.0 68.2 1997 0.0 (s) 0.2 0.0 0.0 0.0 0.2 44.8 10.7 3.9 0.0 0.0 0.0 0.0 13.2 68.2 1998 0.0 0.2 0.6 0.0 0.0 0.0 0.6 35.2 11.9 3.7 0.0 0.0 0.0 0.0 13.2 64.8 1999 0.0 0.3 0.4 0.0 0.0 0.0 0.4 42.4 12.0 4.2 0.0 0.0 0.0 0.1 26.2 85.5 2000 0.0 0.0 0.1 0.5 0.0 0.0 0.9 47.4 12.3 3.9 0.0 0.0 0.0 0.1 13.4 79.1 2001 0.0 0.1 0.5 0.0 0.0 0.0 0.5 43.6 9.0 3.9 0.0 0.0 0.0 0.1 13.2 67.5 2002 0.0 (s) 0.2 0.0 0.0 0.0 0.0 0.3 44.3 11.2 8.4 0.0 0.0 0.1 10.2 67.5 2002 0.0 (s) 0.3 0.0 0.0 0.0 0.0 0.3 46.3 71.6 9.4 0.0 0.0 0.0 0.1 8.3 69.6 2003 0.0 (s) 0.3 0.0 0.0 0.0 0.0 0.3 46.3 71.6 9.4 0.0 0.0 0.0 0.1 8.3 69.6 2004 0.0 0.0 0.1 0.3 0.0 0.0 0.0 0.3 46.3 71.6 9.4 0.0 0.0 0.0 0.1 6.6 65.8 2004 0.0 0.0 0.1 0.3 0.0 0.0 0.0 0.3 46.3 71.6 9.4 0.0 0.0 0.0 0.1 6.5 774.4 2004 0.0 0.0 0.1 0.3 0.0 0.0 0.0 0.3 40.2 11.7 6.8 0.0 0.0 0.0 0.1 6.6 65.8 2006 0.0 (s) 0.1 0.3 0.0 0.0 0.0 0.1 42.5 11.9 53 0.0 0.0 0.0 0.1 8.3 82.5 2007 0.0 (s) 0.1 0.0 0.0 0.0 0.1 49.3 6.4 6.0 0.0 0.0 0.0 0.1 8.5 70.4 2008 0.0 (s) 0.1 0.0 0.0 0.1 49.3 6.4 6.0 0.0 0.0 0.0 0.1 8.5 70.4 2008 0.0 (s) 0.0 0.0 (s) 0.1 0.0 0.0 0.1 49.3 6.4 6.0 0.0 0.0 0.0 0.1 8.5 80.0	1975	0.3	0.6	0.5		(S)		39.2 32.5	9.1 7.7	0.0		NA NA	NA NA	0.3 0.6	49.9 42.2
1990	1985	0.7	0.1	0.2		0.0		31.9	8.9	2.9		0.0	0.0	1.1	45.8
1996         0.0         (s)         0.1         0.0         0.0         0.1         39.9         12.6         3.6         0.0         0.0         0.0         12.0         68.2           1997         0.0         (s)         0.2         0.0         0.0         0.2         44.8         10.7         3.9         0.0         0.0         0.0         13.6         73.1           1998         0.0         0.2         0.6         0.0         0.0         0.6         35.2         11.9         3.7         0.0         0.0         0.0         0.0         13.2         64.8           1999         0.0         0.3         0.4         0.0         0.0         0.4         42.4         12.0         4.2         0.0         0.0         0.1         26.2         85.5           2001         0.0         0.1         0.5         0.0         0.0         0.9         47.4         12.3         3.9         0.0         0.0         0.1         13.4         79.1           2001         0.0         0.1         0.5         0.0         0.0         0.5         43.6         9.0         3.9         0.0         0.0         0.1         10.2         67.5	1990	0.0	0.7		0.0	0.0		38.3	14.0	1.0	0.0	0.0	0.0	5.8	59.9
1997         0.0         (s)         0.2         0.0         0.0         0.2         44.8         10.7         3.9         0.0         0.0         0.0         13.6         73.1           1998         0.0         0.2         0.6         0.0         0.0         0.6         35.2         11.9         3.7         0.0         0.0         0.0         13.2         64.8           1999         0.0         0.3         0.4         0.0         0.0         0.4         42.4         12.0         4.2         0.0         0.0         0.0         0.1         26.2         85.5           2000         0.0         1.0         0.9         0.0         0.0         0.9         47.4         12.3         3.9         0.0         0.0         0.1         13.4         79.1           2001         0.0         0.1         0.5         0.0         0.0         0.9         47.4         12.3         3.9         0.0         0.0         0.1         13.4         79.1           2002         0.0         (s)         0.2         0.0         0.0         0.2         41.4         11.2         8.4         0.0         0.0         0.1         18.3         69.6	1995	0.0		0.2		0.0	0.2	40.5		3.4				13.5	67.7
1998         0.0         0.2         0.6         0.0         0.0         0.6         35.2         11.9         3.7         0.0         0.0         0.0         13.2         64.8           1999         0.0         0.3         0.4         0.0         0.0         0.4         42.4         12.0         4.2         0.0         0.0         0.1         26.2         85.5           2000         0.0         1.0         0.9         0.0         0.0         0.9         47.4         12.3         3.9         0.0         0.0         0.1         13.4         79.1           2001         0.0         0.1         0.5         0.0         0.0         0.5         43.6         9.0         3.9         0.0         0.0         0.1         10.2         67.5           2002         0.0         (s)         0.2         0.0         0.0         0.2         41.4         11.2         8.4         0.0         0.0         0.1         10.2         67.5           2003         0.0         (s)         0.3         0.0         0.0         0.3         46.3         811.6         9.4         0.0         0.0         0.1         6.5         87.44	1996	0.0	(S)	0.1	0.0	0.0		39.9		3.6				12.0	68.2 72.1
1999	1997	0.0	0.2	0.2		0.0		35.2		3.9			0.0	13.0	64.8
2001 0.0 0.1 0.5 0.0 0.0 0.5 43.6 9.0 3.9 0.0 0.0 0.1 10.2 67.5 2002 0.0 (s) 0.2 0.0 0.0 0.0 0.2 41.4 11.2 8.4 0.0 0.0 0.0 0.1 8.3 69.6 2003 0.0 (s) 0.3 0.0 0.0 0.3 46.3 811.6 9.4 0.0 0.0 0.0 0.1 6.5 874.4 2004 0.0 0.1 0.3 0.0 0.0 0.0 0.3 40.2 11.7 6.8 0.0 0.0 0.1 6.6 65.8 2005 0.0 (s) 0.1 0.0 0.0 0.1 42.5 11.9 5.3 0.0 0.0 0.0 0.1 7.2 67.1 2006 0.0 (s) (s) (s) 0.0 0.0 (s) 53.3 14.8 5.8 0.0 0.0 0.0 0.1 8.3 82.5 2007 0.0 (s) (s) (s) 0.1 0.0 0.0 (s) (s) (s) 53.3 14.8 5.8 0.0 0.0 0.0 0.1 8.5 80.0 2008 0.0 (s) (s) (s) (s) (s) (s) (s) (s) (s) 51.2 14.5 5.6 0.0 0.0 0.0 0.1 8.5 80.0	1999	0.0	0.3	0.4		0.0	0.4	42.4		4.2		0.0	0.1	26.2	85.5
2002 0.0 (s) 0.2 0.0 0.0 0.0 0.2 41.4 11.2 8.4 0.0 0.0 0.0 0.1 8.3 69.6 2003 0.0 (s) 0.3 0.0 0.0 0.3 46.3 811.6 9.4 0.0 0.0 0.1 6.5 874.4 0.0 0.0 0.1 0.3 0.0 0.0 0.3 40.2 11.7 6.8 0.0 0.0 0.0 0.1 6.5 874.4 2005 0.0 (s) 0.1 0.0 0.0 0.1 42.5 11.9 5.3 0.0 0.0 0.0 0.1 7.2 67.1 2006 0.0 (s) (s) (s) 0.1 0.0 0.0 (s) 53.3 14.8 5.8 0.0 0.0 0.0 0.1 8.3 82.5 2007 0.0 (s) 0.1 0.0 0.0 0.1 49.3 6.4 6.0 0.0 0.0 0.0 0.1 8.5 70.4 2008 0.0 (s) (s) (s) (s) (s) (s) (s) (s) (s) 51.2 14.5 5.6 0.0 0.0 0.0 0.1 8.5 80.0	2000	0.0	1.0	0.9	0.0	0.0	0.9	47.4	12.3	3.9	0.0	0.0	0.1	13.4	79.1
2004 0.0 0.1 0.3 0.0 0.0 0.3 40.2 11.7 6.8 0.0 0.0 0.1 6.6 65.8 2005 0.0 (s) 0.1 0.0 0.0 0.1 42.5 11.9 5.3 0.0 0.0 0.0 0.1 7.2 67.1 2006 0.0 (s) (s) (s) 0.0 0.0 (s) 53.3 14.8 5.8 0.0 0.0 0.0 0.1 8.3 82.5 2007 0.0 (s) (s) 0.1 0.0 0.0 0.1 49.3 6.4 6.0 0.0 0.0 0.1 8.5 70.4 2008 0.0 (s) (s) (s) (s) (s) (s) (s) 51.2 14.5 5.6 0.0 0.0 0.0 0.1 8.5 80.0	2001	0.0		0.5	0.0	0.0	0.5	43.6	9.0	3.9		0.0		10.2	67.5
2004 0.0 0.1 0.3 0.0 0.0 0.3 40.2 11.7 6.8 0.0 0.0 0.1 6.6 65.8 2005 0.0 (s) 0.1 0.0 0.0 0.1 42.5 11.9 5.3 0.0 0.0 0.0 0.1 7.2 67.1 2006 0.0 (s) (s) (s) 0.0 0.0 (s) 53.3 14.8 5.8 0.0 0.0 0.0 0.1 8.3 82.5 2007 0.0 (s) (s) 0.1 0.0 0.0 0.1 49.3 6.4 6.0 0.0 0.0 0.1 8.5 70.4 2008 0.0 (s) (s) (s) (s) (s) (s) (s) 51.2 14.5 5.6 0.0 0.0 0.0 0.1 8.5 80.0	2002	0.0		0.2	0.0	0.0	0.2	41.4	11.2 R 11.6	8.4		0.0		8.3	69.6 R 74.4
2006 0.0 (s) (s) 0.0 0.0 (s) 53.3 14.8 5.8 0.0 0.0 0.1 8.3 82.5 2007 0.0 (s) 0.1 0.0 0.0 0.1 49.3 6.4 6.0 0.0 0.0 0.1 8.5 70.4 2008 0.0 (s) (s) (s) (s) (s) (s) (s) 51.2 14.5 5.6 0.0 0.0 0.0 0.1 8.5 80.0	2004	0.0	(5) 0.1	0.3	0.0	0.0	0.3	40.3 40.2	11.7	9.4 6.8	0.0	0.0	0.1	6.5 6.6	65.8
2006 0.0 (s) (s) 0.0 0.0 (s) 53.3 14.8 5.8 0.0 0.0 0.1 8.3 82.5 2007 0.0 (s) 0.1 0.0 0.0 0.1 49.3 6.4 6.0 0.0 0.0 0.1 8.5 70.4 2008 0.0 (s) (s) (s) (s) (s) (s) (s) 51.2 14.5 5.6 0.0 0.0 0.0 0.1 8.5 80.0	2005	0.0		0.1		0.0	0.1	42.5		5.3		0.0		7.2	67.1
2008 0.0 (s) (s) 0.0 (s) (s) 51.2 14.5 5.6 0.0 0.0 0.1 8.5 80.0	2006	0.0	(s)	(s)	0.0	0.0	(s)	53.3	14.8	5.8	0.0	0.0	0.1	8.3	82.5
2009 0.0 0.1 (s) 0.0 (s) (s) (s) 51.2 14.5 5.6 0.0 0.0 0.1 8.5 80.0 2009 0.0 0.1 (s) 0.0 (s) (s) 56.1 14.3 5.7 0.0 0.0 0.1 8.7 84.9 2010 0.0 0.1 (s) 0.0 (s) (s) (s) 50.0 12.9 6.5 0.0 0.0 0.1 8.3 77.9 2011 0.0 (s) (s) (s) 0.0 (s) (s) 51.4 13.6 5.5 0.0 (s) 0.3 8.6 79.5	2007	0.0		0.1		0.0	0.1	49.3		6.0		0.0	0.1	8.5	70.4
2010 0.0 (s) (s) (s) (s) (s) 51.4 13.6 5.5 0.0 (s) 0.3 8.6 79.5		0.0				(S)	(S)			5.6					
2011 0.0 (s) (s) $(s)$ 0.0 $(s)$ $(s)$ 51.4 13.6 5.5 0.0 (s) 0.3 8.6 79.5		0.0		(s)		(s)	(s)		12.9						77.9
		0.0				(s)	(s)		13.6						79.5

 <sup>&</sup>lt;sup>a</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
 <sup>b</sup> Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.
 <sup>c</sup> Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4,

<sup>5,</sup> and 6.
d Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which

<sup>&</sup>lt;sup>e</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>&</sup>lt;sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

Solar thermal and photovoltaic energy.
 Belectricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by

Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both

natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

<sup>- - =</sup> Not applicable. NA = Not available. Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. • Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.